

PTO/SB/08a (07-05)  
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US Patent & Trademark Office, U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known

Application Number	10/731,669
Filing Date	December 8, 2003
First Named Inventor	Williams, John
Art Unit	2833
Examiner Name	Hammond, Brigitte

(Use as many sheets as necessary)

Sheet	1	of	2	Attorney Docket No: EPC-00007
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### US PATENT DOCUMENTS

Examiner Initial *	Cite No	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
BH		US-20010024890A1	09/27/2001	Maruyama, S. et al.	12/19/2000
		US-2002/0133941	09/26/2002	Akram, Salman et al.	04/11/2002
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		US-20050142900A1	06/30/2005	Boggs, David W., et al.	12/31/2003
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Examiner Initials *	Cite No	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	T*
BH		EP-0839321	01/11/2006	Khandros, Igor Y., et al.	
		WO-199743653A1	11/20/1997	Khandros, I Y., et al.	
		WO-2005034296A1	04/14/2005	Hirata, T., et al.	
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		WO-2005067361A1	07/21/2005	Boggs, D W., et al.	

EXAMINER

Brigitte Hammond

DATE CONSIDERED

3/2/07

Substitute Disclosure Statement Form (PTO-1449)  
\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<i>Complete if Known</i>	
				Application Number	10/731,669
				Filing Date	December 8, 2003
				First Named Inventor	Williams, John
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				Examiner Name	Hammond, Brigitte
Sheet	2	of	2	Attorney Docket No: EPC-00007	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
BA		GUERIN, LUC, et al., "SPRING LAND GRID ARRAY DEVELOPMENT: AN INTEGRATED DEMOUNTABLE SOLUTION", <a href="http://www.chips.ibm.com/news">www.chips.ibm.com/news</a> , MicroNews Third Quarter 2001,(2001),3	

EXAMINER

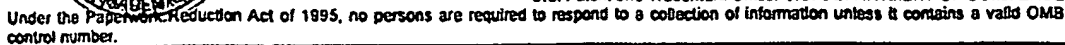
Brigitte Hammond

DATE CONSIDERED

3/2/07

Substitute Disclosure Statement Form (PTO-1449)

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		Application Number	10/731,669
		Filing Date	December 8, 2003
		First Named Inventor	BROWN, ET AL.
		Art Unit	2833
		Examiner Name	HAMMOND, BRIGGITTE R.
Sheet	2	of	2
		Attorney Docket Number	EPC-00007

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
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Examiner Signature	<i>Brigitte Hammond</i>	Date Considered	2-15-06
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PTO/SB/DBA (10-01)

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Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>		Application Number	10/731,669
		Filing Date	December 8, 2003
		First Named Inventor	BROWN, ET AL.
		Art Unit	2833
		Examiner Name	HAMMOND, BRIGGITTE R.
		Attorney Docket Number	EPC-00007
Sheet	1	of	2

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Examiner Signature	<i>[Signature]</i>	Date Considered	2/19/06
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Applicant's unique citation designation number (optional).<sup>3</sup> See Kind Code of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).<sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1448A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	10731,669
		Filing Date	December 8, 2003
		First Named Inventor	BROWN, ET AL.
		Art Unit	2833
		Examiner Name	HAMMOND, BRIGGITTE R.
		Attorney Docket Number	EPC-00007
Sheet	2	of	2

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), 60a of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
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Examiner Signature	<i>Brigitte HAMMOND</i>	Date Considered	2-19-06
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PTO/SB/08A (10-01)

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 3

**Complete if Known.**

Application Number	10731,669
Filing Date	December 8, 2003
First Named Inventor	BROWN, ET AL.
Art Unit	2833
Examiner Name	HAMMOND, BRIGGITTE R.
Attorney Docket Number	EPC-00007

**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
HMA		US-3,543,587	12/01/70	Kawada	
		US-3,670,409	06/20/72	Reimer	
		US-4,548,451	10/22/85	Benarr et al.	
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		US-5,292,558	03/08/94	Heller et al.	
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		US-6,031,282	02/29/00	Jones et al.	
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		US-6,361,328	03/26/02	Gossefin	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
HMA		EP 1208241	01/29/03	Hewlett-Packard Co.		<input type="checkbox"/>
		EP 0692823	01/17/96	Sun Microsystems		<input type="checkbox"/>
		JP 200011443	04/21/00	Hideaki		<input type="checkbox"/>
		JP 2001203435	07/27/01	Sunao		<input type="checkbox"/>
		WO9602088	01/25/96	DiStefano et al.		<input type="checkbox"/>

Examiner Signature	Brigitte Hammond	Date Considered	2-19-06
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 3

### Complete if Known

Application Number	10/731,669
Filing Date	December 8, 2003
First Named Inventor	BROWN, ET AL.
Art Unit	2833
Examiner Name	HAMMOND, BRIGGITTE R.
Attorney Docket Number	EPC-00007

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		Number - Kind Code <sup>2</sup> (if known)			
BGA		US-6,392,534	05/21/02	Flick	
		US-6,399,800	06/04/02	Khoury et al.	
		US-6,402,526	06/11/02	Schreiber et al.	
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		US-6,452,407	09/17/02	Khoury et al.	
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		US-6,576,485	09/10/03	Zhou et al.	
		US-6,604,950	08/12/03	Maldonado et al.	
		US-6,612,861	09/02/03	Khoury et al.	
		US-6,622,380	09/23/03	Grigg	
		US-6,677,245	01/13/04	Zhou et al.	
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		US-6,700,072	03/02/04	DiStefano et al.	
		US-6,719,569	4/13/04	Ochiai	
		US-6,730,134	05/04/04	Neldich	
		US-6,736,665	05/18/04	Zhou et al.	
		US-6,750,136	06/15/04	Zhou et al.	
		US-6,791,171	09/14/04	Mok et al.	
		US-6,815,961	11/09/04	Mok et al.	
		US-6,847,101	01/25/05	Fjelstad et al.	
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		2004/0127073	07/01/04	Ochiai	

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Examiner Signature	Brigitte Hammond	Date Considered	2/6/06
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Sheet 3 of 3

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Filing Date	December 8, 2003
First Named Inventor	BROWN, ET AL
Art Unit	2833
Examiner Name	HAMMOND, BRIGGITTE R.
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Examiner Signature	<i>Brigitte Hammond</i>	Date Considered	2-16-06
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		Filing Date	December 8, 2008
		First Named Inventor	Brown et al.
		Art Unit	2833
		Examiner Name	Hammond, Brigitte E.
		Attorney Docket Number	41455.0007
Sheet 1	of 1		

U.S. PATENT DOCUMENTS					
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
B/E		US-6263566	7/24/2001	Hembree et al.	
		US-2003/0022503	1/30/2003	Clements et al.	
		US-2003/0129868	7/10/2003	Romano et al.	
		US-2002/0055282	5/9/2002	Eldridge et al.	
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FOREIGN PATENT DOCUMENTS						
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B/E		EP 1 280 241	1/28/2003	Clements et al.		<input type="checkbox"/>
		EP 1 005 086	5/31/2000	Muramatsu et al.		<input type="checkbox"/>
		European Search Report				<input type="checkbox"/>
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